

Attorney Docket No. 5051-478IP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Royer et al.

Serial No. To be assigned

Filed: Concurrently herewith

For: CONTINUOUS METHOD AND APPARATUS FOR SEPARATING  
POLYMER FROM A HIGH PRESSURE CARBON DIOXIDE FLUID STREAM

JC828 U.S. PRO  
10/082373  
02/25/02  
  
E70  
6/17/02  
#4

Date: February 25, 2002

BOX PATENT APPLICATION

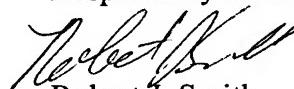
Commissioner for Patents  
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Attached is a list of documents on form PTO-1449 together with a copy of each identified document. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,

  
Robert J. Smith  
Registration No. 40,820

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BOX PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231.

  
Meredith Schuessler

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number 5051-478IP			Serial No. To be assigned
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)				Applicants: Royer et al.			JDC 082373 P U.S. Patent Office 02/25/02
				Filing Date Concurrently herewith			Group: Not yet known
U. S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	5,516,739	05/14/96	Barborak et al.	502	161	
	2.	5,561,216	10/01/96	Barborak et al.	528	392	
	3.	5,569,730	10/29/96	Goodall et al.	526	282	
	4.	5,571,881	11/05/96	Goodall et al.	526	171	
	5.	5,705,503	01/06/98	Goodall et al.	526	281	
	6.	5,725,756	03/10/98	Subramaniam et al.	208	48 R	
	7.	5,741,869	04/21/98	Goodall et al.	526	171	
	8.	5,833,891	11/10/98	Subramaniam et al.	264	7	
	9.	5,866,663	02/02/99	Brookhart et al.	526	170	
	10.	5,874,029	02/23/99	Subramaniam et al.	264	12	
	11.	5,880,241	03/09/99	Brookhart et al.	526	348	
	12.	5,880,323	03/09/99	Brookhart, III et al.	585	527	
	13.	5,886,224	03/23/99	Brookhart et al.	564	272	
	14.	5,891,963	04/06/99	Brookhart et al.	525	326.1	
	15.	5,892,101	04/06/99	Brookhart et al.	560	205	
	16.	5,907,075	05/25/99	Subramaniam et al.	585	721	
	17.	5,912,313	06/15/99	McIntosh, III et al.	526	279	
	18.	5,916,989	06/29/99	Brookhart, III et al.	526	348.6	
	19.	5,929,181	07/27/99	Makovetsky et al.	526	171	
	20.	6,034,259	03/07/00	Brookhart et al.	556	137	
	21.	6,060,569	05/09/00	Bennett et al.	526	172	
	22.	6,103,946	08/15/00	Brookhart, III et al.	585	523	
	23.	6,107,420	08/22/00	Grubbs et al.	526	73	
	24.	6,111,121	08/29/00	Grubbs et al.	556	21	
	25.	6,114,483	09/05/00	Coughlin et al.	526	172	
	26.	6,140,439	10/31/00	Brookhart et al.	526	308	

EXAMINER \_\_\_\_\_

DATE CONSIDERED

EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office			Attorney Docket Number 5051-478IP			Serial No. To be assigned	
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)			Applicants: Royer et al.				
			Filing Date Concurrently herewith			Group: Not yet known	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes   No
	27.	1,274,942	10/02/90	CANADA	C08F	120/06	
	28.	WO 98/28351	07/02/98	WIPO	C08F	14/18	
No	29. *	WO 00/29096	05/25/00	WIPO	B01D	61/00	
No	30. *	WO 00/53639	03/03/00	PCT	C08F	04	
	31.	0590842 A2	04/06/94	EPO	C08F	2/06	
	32.	0684264 A2	11/29/95	EPO	C08F	212/10	
	33.	WO 96/06118	02/29/96	WIPO	C08F	16/12	
	34.	WO 96/28477	09/19/96	WIPO	C08F	2/00	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	35.	Baker et al.; "Toward Greener Chemistry," <i>Science</i> 284:1477-1479 (May 28, 1999).					
	36.	Canelas et al.; "Polymerizations in Liquid and Supercritical Carbon Dioxide," <i>ces in Polymer Science</i> 133:103-140 (1997).					
	37.	Charpentier et al.; "Continuous Polymerizations in Supercritical Carbon Dioxide: Chain-Growth Precipitation Polymerizations," <i>Manomolecules</i> 32:18 5973-5975 (Sept. 7, 1999).					
	38.	DeSimone et al.; "Synthesis of Fluoropolymers in Supercritical Carbon Dioxide," <i>Science</i> 257:945-947 (August 14, 1992).					
	39.	Kendall et al.; "Polymerizations in Supercritical Carbon Dioxide," <i>Chemical Reviews</i> 99:2 543-563 (1999).					
	40.	McCoy; "DuPont, UNC R&D Effort Yields Results," <i>Chemical and Engineering News</i> p. 10 (1999).					
	41.	McHugh et al.; <i>Supercritical Fluid Extraction: Principles and Practice</i> , 2 <sup>nd</sup> Edition, pp. 1-16 (1994).					
	42.	Shaffer et al.; "Chain Polymerizations in Inert Near- and Supercritical Fluids," <i>TRIP</i> 3:5 146-153 (May 1995)					
	43.	McClellan et al.; "Polymer Solution-Supercritical Fluid Phase Behavior," <i>Supercritical Fluid Technology</i> , Elsevier Science Publishers B.V., XP002161135, pp. 161-178, Amsterdam (1985)					
	44.	International Search Report, PCT/US00/30765, Date of Mailing: March 14, 2001					

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